

**From:** McDaniel, Penelope [MCDANIEL.PENELOPE@EPA.GOV]  
**Sent:** 11/21/2019 10:46:59 PM  
**To:** Latigue, Angela [Latigue.Angela@epa.gov]  
**Subject:** RE: FY20 CAA 105 Workplans for CARB, BAAQMD and SCAQMD

Hi Angie,

The following language from the CARB 105 grant is related to this project, but there may be additional funds needed (unless they are already planning to return the amount that is needed).

**Freight Transport Related Programs and Strategies to Reduce Emissions.**

CARB has adopted and is currently enforcing numerous measures identified in the 2006 Emission Reduction Plan for Ports and Goods Movement. The measures address all significant emission sources associated with the movement of international and domestic freight, including trucks, transport refrigeration units, locomotives, ships, harbor craft, cargo handling equipment, and aircraft. CARB also continues to work closely with the local air pollution control districts to provide incentives for cleaner freight technology through the Carl Moyer Program and the \$1 billion Proposition 1B Goods Movement Emission Reduction Program. These measures and incentives have been incorporated into California's 8-hour ozone and PM2.5 SIPs for regions where additional reductions are needed. CARB also conducts health risk assessments for major seaports and rail yards in California, works with ports, railroads, and air districts to reduce localized health risk, improves and updates emission inventories, and coordinates with federal agencies to advocate for more effective national and international standards. In addition, CARB is working with stakeholders to identify the advanced technologies needed to transform California freight transport to a sustainable zero- or near-zero emission system over the next several decades.

**Supporting Work Elements that Meet Strategic Plan Objective 1.1: Address Climate Change And Strategic Plan Objective 1.2 Improve Air Quality (Essential Element 2).**

**Broadening CARB's mobile source enforcement program to address newly targeted sources and tackle emerging and expanding pathways of commerce.**

CARB designs and implements new compliance/enforcement strategies to ensure the effective implementation of new regulations such as those that limit heavy-duty diesel vehicle idling, and reduce emissions from solid waste collection vehicles, and minimize emissions from California's shipping ports and rail yards.

**Strengthening and fine-tuning enforcement efforts in the fuels, consumer products, cargo tanks, asbestos abatement, and other non-mobile source programs.**

CARB is expanding its enforcement program to address several new emission areas – including incineration practices on cruise ships, locomotive idling, and fuels used by ships while in and around the ports.

Penny McDaniel

Director, U.S.-China Green Ports and Vessels Initiative

Lead, West Coast Collaborative & DERA

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**From:** Latigue, Angela <Latigue.Angela@epa.gov>  
**Sent:** Thursday, November 21, 2019 2:26 PM  
**To:** McDaniel, Penelope <MCDANIEL.PENELOPE@EPA.GOV>  
**Subject:** RE: FY20 CAA 105 Workplans for CARB, BAAQMD and SCAQMD

Hi Penny,

I can't remember the details for this request. Will this project require additional funding not previously approved in their FY20 CAA 105 grant? If so, we need to send a guidance letter to request an application to fund a special project within their 105 grant. If there's language in their grant related to this project and they do not need additional money to fund it, I can ask them to submit an addendum and detailed budget adjustments to include the new project.

Thanks!

- Angie

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**From:** McDaniel, Penelope <MCDANIEL.PENELOPE@EPA.GOV>  
**Sent:** Thursday, November 21, 2019 2:18 PM  
**To:** Latigue, Angela <Latigue.Angela@epa.gov>  
**Subject:** RE: FY20 CAA 105 Workplans for CARB, BAAQMD and SCAQMD

Hi Angie,

After reviewing the workplans, it appears that CARB's 105 will be the best route. I've spoken with some of the CARB program folks and they are supportive of including a short description in the workplan that will reflect this work to demonstrate technologies to advance compliance with vessel fuel sulfur standards. Can you remind me of the next date by which they can submit updates to their 105 workplan to include this language?

Thank you,

Penny McDaniel  
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**From:** Latigue, Angela <Latigue.Angela@epa.gov>  
**Sent:** Wednesday, October 23, 2019 1:01 PM  
**To:** McDaniel, Penelope <MCDANIEL.PENELOPE@EPA.GOV>  
**Subject:** FY20 CAA 105 Workplans for CARB, BAAQMD and SCAQMD

As requested 😊

- Angie

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